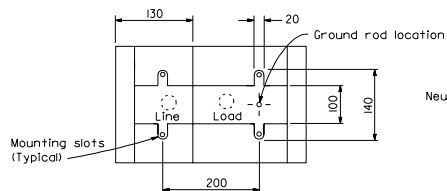
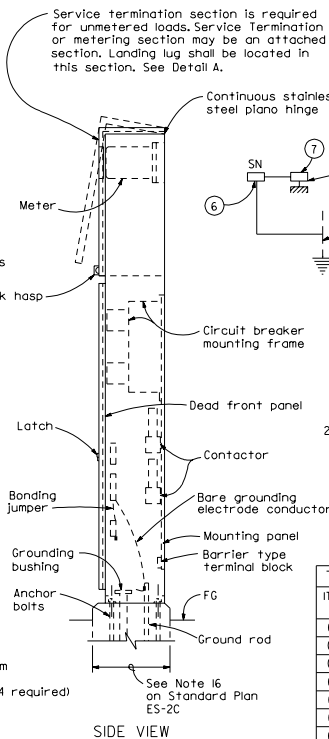


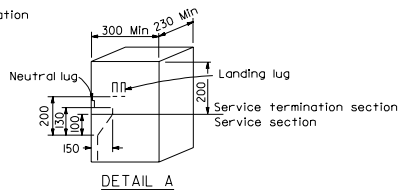
FRONT VIEW
TYPE III-AF SERVICE
EQUIPMENT ENCLOSURE (TYPICAL)



BASE FOR TYPE III-A
SERVICE EQUIPMENT ENCLOSURE



SIDE VIEW

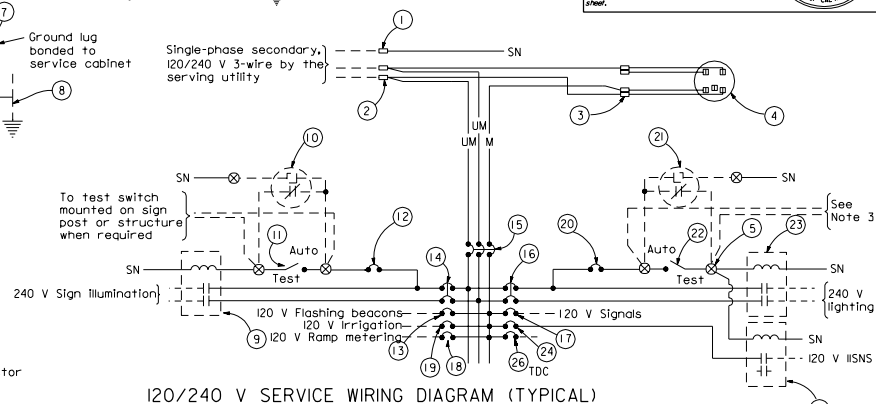


DETAIL A

P Pole
CB Circuit breaker
A Ampere
V Volt
M Metered
UM Unmetered
SN Solid neutral
NO Normally open
NC Normally closed

LEGEND

--- External conductor
--- Conductor or bus
--- Tie point
--- Contactor coil
--- Contactor, Contact NO
--- Contactor, Contact NC
--- Enclosure bond
--- Ground



ITEM NO.	COMPONENT	NAME PLATE DESCRIPTION
(1)	Neutral lug	
(2)	Landing lug	
(3)	Test bypass facility	
(4)	Meter socket and support	
(5)	Terminal blocks	
(6)	Solid neutral terminal strip	
(7)	Ground lug	
(8)	Ground rod	
(9)	30 A, 2PNO Contactor	Sign Illumination
(10)	Photoelectric unit	
(11)	15 A, IP, Test switch	Sign Illumination Test Switch
(12)	15 A, 120 V, IP, CB	Sign Illumination Control
(13)	15 A, 120 V, IP, CB	Flashing Beacon
(14)	30 A, 240 V, 2P, CB	Sign Illumination
(15)	100 A, 240 V, 3P, CB	Main Breaker
(16)	30 A, 240 V, 2P, CB	Lighting
(17)	50 A, 120 V, IP, CB	Signals
(18)	30 A, 120 V, IP, CB	Ramp Metering
(19)	20 A, 120 V, IP, CB	Irrigation
(20)	15 A, 120 V, IP, CB	Lighting Control
(21)	Photoelectric unit	
(22)	15 A, IP, Test switch	Lighting Test Switch
(23)	60 A, 2PNO Contactor	Lighting
(24)	15 A, 120 V, IP, CB	IISNS
(25)	30 A, 2PNO Contactor	
(26)	20 A, 120 V, IP, CB	Telephone Demarcation Cabinet

NOTES

(FOR SERVICE EQUIPMENT)

- Voltage ratings of service equipment shall conform to the service voltages indicated on the plans.
- Unless otherwise indicated on the plans, all service equipment items shall be provided for each service equipment enclosure as shown.
- Connect to remote test switch mounted on lighting standards, sign post or structure when required.
- Item No. (1) and (6) shall be insulated from the cabinet.
- Meter sockets shall be 5 clip type.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

SIGNAL, LIGHTING AND ELECTRICAL SYSTEMS SERVICE EQUIPMENT AND TYPICAL WIRING DIAGRAM, TYPE III - A SERIES

NO SCALE

ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN

ES-2D